

DT07 Rec'd PCT/PTO 15 FEB 2005

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

Docket No. B-5648PCT 622443-2

International Application No.:  
PCT/JP03/10414

Applicant(s) for DO/EO/US:

(1) Ryuichi SHIMADA (2) Taku TAKAKU

International Filing Date:  
18 August 2003

Title of Invention:

"PULSE POWER SUPPLY DEVICE USING REGENERATING MAGNETIC ENERGY"

Priority Date Claimed:

19 August 2002

U.S. Application No.  
(if known, see 37 CFR 1.5)  
NOT YET ASSIGNED

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
  2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
  3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
  4. ☒ The U.S. Has been elected (Article 31).
  5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
    - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
    - b. ☒ has been communicated by the International Bureau.
    - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
  6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
    - a. ☒ is attached hereto.
    - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
  7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
    - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
    - b. ☐ have been communicated by the International Bureau.
    - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
    - d. ☒ have not been made and will not be made.
  8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
  9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
  10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).
- Items 11 to 20 below concern document(s) or information included:
11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
  12. ☐ An assignment document for recording. A separate cover sheet with check for \$40.00 in compliance with 37 CFR 3.28 and 3.31 is included.
  13. ☒ A preliminary amendment.
  14. ☐ An Application Data Sheet under 37 CFR 1.76.
  15. ☐ A substitute specification.
  16. ☐ A power of attorney and/or change of address letter.
  17. ☐ A computer-readable form of the sequence listing in accordance with PCT rule 13ter.2 and 37CFR 1.821 - 1.825.
  18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
  19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
  20. ☒ Other items or information: copy of published PCT application (18 pages); unsigned Declaration/Power of Attorney (4 pages), Claim to Priority (1 page); copy of Form PCT/IB/308 (1 page)

10/524893

## 21. The following fees are submitted:

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[X] a) Basic national fee..... \$ 300.00 = \$ 300.00  
 [X] b) Examination fee..... \$ 200.00 = \$ 200.00  
 [X] c) Search fee..... \$ 500.00 = \$ 500.00

TOTAL OF ABOVE CALCULATIONS = \$ 1000.00

[ ] Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.

Total Sheets    Extra sheets    # of each additional 50 RATE  
 or fraction thereof  
 \_\_\_\_\_ - 100 = \_\_\_\_\_ / 50 = \_\_\_\_\_ x \$250.00 \$ \_\_\_\_\_

Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). \$ \_\_\_\_\_

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	<u>7</u> - 20 =	<u>0</u>	x \$50.00	\$ <u>0</u>	
Independent claims	<u>1</u> - 3 =	<u>0</u>	x \$200.00	\$ <u>0</u>	

MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360.00 \$ \_\_\_\_\_  
 [ ] Amendment deleting multiple dependencies enclosed

TOTAL OF ABOVE CALCULATIONS = \$ 1000.00

[ ] Applicant claims small entity status. See 37 CFR 1.27.  
 The fees indicated above are reduced by 1/2. (50% of above) \$ \_\_\_\_\_  
 SUBTOTAL = \$ \_\_\_\_\_

Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). \$ \_\_\_\_\_

TOTAL NATIONAL FEE = \$ 1000.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)).  
 The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$ \_\_\_\_\_

TOTAL FEES ENCLOSED = \$ 1000.00

Amount to be refunded: \$ \_\_\_\_\_  
 charged: \$ \_\_\_\_\_

[X] A check in the amount of \$ 1000.00 to cover the above fees is enclosed.

[ ] Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.

[X] The commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 12-0415. A duplicate copy of this sheet is enclosed.

[ ] Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

## Send all correspondence to:

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 Mavis S. Gallenson  
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IN THE UNITED STATES DESIGNATED OFFICE DO/EO/US  
REGARDING THE INTERNATIONAL APPLICATION OF:  
(1) Ryuichi SHIMADA and (2) Taku TAKAKU

ENTITLED: "PULSE POWER SUPPLY DEVICE USING REGENERATING MAGNETIC ENERGY"

INTERNATIONAL APPLN. NO. PCT/JP03/10414

Our Ref: B-5648PCT 622443-2

MAIL STOP PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Attn: United States Designated/Elected Office (DO/EO/US)

INTERNATIONAL STAGE EXPRESS MAIL CERTIFICATE

"Express Mail" label number EV258281866US

Date of Deposit: February 15, 2005

- I hereby certify that the following attached papers or fee
- postcard
  - check no. 20106 for \$1,000.00
  - Transmittal Letter (2 pages)
  - Preliminary Amendment (5 pages)
  - English-language translation of PCT International Application as filed consisting of: Specification (10 pages), Claims (2 pages), 3 sheets of Drawings (Figs. 1-5) and Abstract (1 page)
  - copy of PCT International Application as published consisting of: Title page with Abstract (2 pages), Specification (7 pages), Claims (2 pages), 3 sheets of Drawings (Figs. 1-5) and International Search Report (4 pages)
  - unsigned Declaration/Power of Attorney (4 pages)
  - Claim to Priority (1 page)
  - copy of Form PCT/IB/308 (1 page)
  - Information Disclosure Statement (IDS) (2 pages) and Form PTO-1449 (modified) (1 page) with copy of International Search Report (4 pages) and copies of foreign patent documents cited therein

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 CFR 1.10 on the date indicated above in an envelope addressed to

"Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450, Alexandria, VA 22313-1450"

Suzanne Johnston

(Typed or printed name of person mailing paper or fee)

